

## 26" 3D HD Medical Display

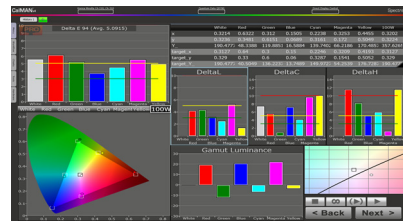
FSN Medical Technologies has display monitors that lead the way in technology, clarity, and reliability in today's interventional procedure facilities and minimally invasive surgery suites. FS-P2607D is our 26" 3D-capable medical display. This unit features advanced motion adaptive deinterlacing, enhanced low-angle processing, improved low-motion detection, and advanced 3D noise reduction. It includes excellent 3D comb filter performance for use with PAL and NTSC applications.

- Multiple 3D formats, parallax adjustment, left/right swap
- 3D mode is turned on for 3D, or off for 2D
- Image consistency and clarity that fosters clinical confidence
- Maximum 3D quality for maximum depth perception
- Refined design using extensive medical industry installations
- Detailed images for today's MIS procedure room

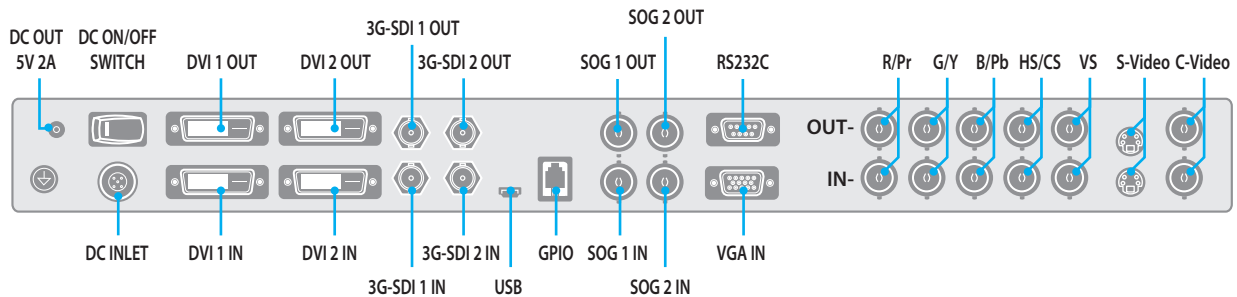


FS-P2607D displays 3D video in a variety of formats. The input/output connections on this monitor include dual DVI, dual 3G-SDI, and on-board DC out power for smaller component needs. This unit features LED backlight technology and an engineered polymer housing. 3D glasses are included.

### Accurate Color Reproduction



FSN has implemented methods to fine-tune the properties of our displays. Distinct color space settings have been calibrated to well-known surgical color preferences.

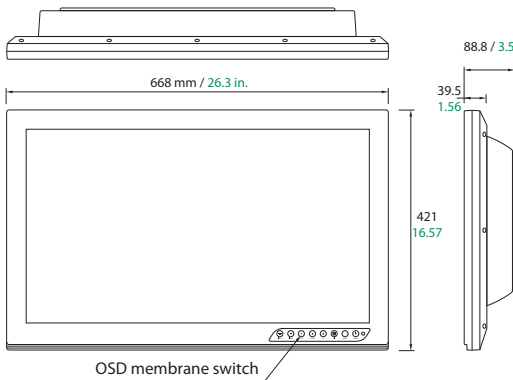


FSN displays have the connections you need. All major inputs are accepted via the back side connection panel.

## Specifications

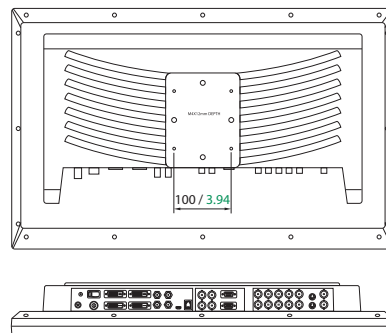
### General Features

| Item                        | Description  |
|-----------------------------|--|
| Panel                       | 26" inch TFT LCD (IPS)   |
| Resolution                  | 1920 x 1080 pixel (HD 1080)  |
| Aspect Ratio                | 16 : 9   |
| Active Area                 | 576.0 X 324.0 mm   |
| 3D technology               | Xpol® plus specialized filters   |
| Optimum 3D Viewing Distance | 1350 mm  |
| Supported 3D Formats        | <ul style="list-style-type: none"> <li>Side-by-Side</li> <li>Top-Bottom (DVI2, SDI1, SDI2 (DVI1 is not supported))</li> <li>Line-by-Line</li> <li>Dual-Input DVI1(Left)/DVI2(Right), SDI1(Left)/SDI2(Right)</li> </ul> |
| Input Signal - 3D           | 2 x DVI-D<br>2 x SD/HD/3G-SDI (BNC)  |
| Input Signal - non 3D       | 2 x DVI-D<br>2 x SD/HD/3G-SDI (BNC) 2 x SOG<br>1 x VGA (D-sub)<br>1 x C-Video (BNC)<br>1 x S-Video (DIN)<br>1 x Component (RGBS, YPbPr) (5 x BNC)  |
| Output Signal               | 2 x DVI-D<br>2 x SD/HD/3G-SDI (BNC)<br>2 x SOG<br>1 x C-Video (BNC)<br>1 x S-Video (DIN)<br>1 x Component (RGBS, YPbPr) (5 x BNC)  |
| GPIO Port                   | Swap, PIP / PBP1 / PBP2 Select, Record indicator   |
| User Control                | 8 Buttons OSD Control, RS232 Control, GPIO Control   |
| Power Consumption           | Under 70 Watt  |
| Plug & Play                 | DDC 2B   |
| DDC CI                      | Support  |
| Unit Dimension              | 668(W) x 421(H) x 88.8(D) mm<br>26.3(W) x 16.6(H) x 3.5(D) inch  |
| Weight                      | 8.2 kg, 18 lbs   |
| Pixel Pitch                 | 0.3 (W) x 0.3 (H)  |
| Contrast Ratio              | 1400 : 1 typical   |
| Viewing Angle (CR>10)       | R/L 178, U/D 178 (non 3D)  |
| Response Time (G-to-G)      | 8 ms (avg.)  |
| Surface Luminance           | 900 cd/m <sup>2</sup>  |



### Output Signal Timing

| Signal          | Type                            | Description                                 |
|-----------------|---------------------------------|---|
| DVI             | Type                            | Digital RGB                                 |
|                 | Signal Format                   | TMDS single link                            |
|                 | Connector                       | DVI-D                                       |
| C-Video         | Type                            | C-Video                                     |
|                 | Color system                    | NTSC, PAL                                   |
|                 | Signal Format                   | Composite Video Signal                      |
| S-Video         | Type                            | S-Video                                     |
|                 | Color system                    | NTSC, PAL                                   |
|                 | Signal Format                   | Y/C Separated Video Signal                  |
| SDI             | SMPTTE-425M                     | 1080p (60 / 59.94 / 50)                     |
|                 | SMPTTE-274M                     | 1080i (60 / 59.94 / 50)                     |
|                 | SMPTTE-296M                     | 720p (60 / 59.94 / 50)                      |
|                 | SMPTTE-260M                     | 1035i (60 / 59.94)                          |
|                 | SMPTTE-125M                     | 480i (59.94)                                |
| Component Video | ITU-R BT.656                    | 576i (50)                                   |
|                 | Type                            | Analog Y/G, Pb/B, Pr/R                      |
|                 | Connector                       | BNC   |
| VGA Sync        | Level                           | 0.7Vp-p ±5%                                 |
|                 | Polarity                        | Positive                                    |
|                 | Impedance                       | 75 ohm ±5%                                  |
|                 | Horizontal frequency            | 30 ~ 93KHz                                  |
|                 | Vertical frequency              | 50 ~ 85Hz                                   |
| DVI             | Applicable max. pixel frequency | 170MHz                                      |
|                 | Maximum resolution              | 1920x1080 / 60Hz (148.5MHz Timing, NON-CRT) |
|                 | Type                            | H/CS,VS                                     |
|                 | Level                           | TTL Level (V high ≥2.0V, V low ≤0.8V)       |
|                 | Polarity                        | Positive or Negative                        |
| Component Sync  | Connector                       | BNC   |
|                 | Type                            | Sync on green                               |
|                 | Input Signal Level              | 1.0Vp-p ( Video :0.7Vp-p / Sync : 0.3Vp-p)  |
| SOG             | Impedance                       | 75 ohm ±5%                                  |
|                 | Input Signal Frequency          | MAX. 162MHz                                 |



### Input Signal Timing

| Signal          | Type                            | Description  |
|-----------------|---------------------------------|--|
| VGA Video       | Type                            | Analog RGB   |
|                 | Connector                       | DSUB-15  |
|                 | Level                           | 0.7Vp-p ±5%  |
|                 | Polarity                        | Positive   |
|                 | Impedance                       | 75 ohm ±5%   |
| DVI             | Horiz. frequency                | 30 ~ 93KHz   |
|                 | Vertical frequency              | 50 ~ 85Hz  |
|                 | Applicable max. pixel frequency | 170MHz   |
|                 | Max. resolution                 | 1920x1200 / 60Hz (154MHz Timing, NON-CRT)  |
|                 | Type                            | Separate H/V sync, Composite H/V sync, Sync On Green Automatic synchronization without external switch   |
| VGA Sync        | Level                           | TTL Level (V high ≥2.0V, V low ≤0.8V)  |
|                 | Polarity                        | Positive or Negative   |
|                 | Range                           | Automatic synchronization for applicable resolution modes which follows industrial standard within frequency range of 30 to 93KHz in horizontal and 50 to 85Hz in vertical |
|                 | Terminal resistance             | more than 2KΩ  |
|                 | Type                            | Digital RGB  |
| C-Video         | Signal Format                   | TMDS single link   |
|                 | Connector                       | DVI-D  |
|                 | Type                            | C-Video  |
| S-Video         | Color system                    | NTSC, PAL  |
|                 | Signal Format                   | Composite Video Signal   |
|                 | Type                            | S-Video  |
| SDI             | Color system                    | NTSC, PAL  |
|                 | Signal Format                   | Y/C Separated Video Signal   |
|                 | SMPTTE-425M                     | 1080p (60 / 59.94 / 50)  |
|                 | SMPTTE-274M                     | 1080p (30 / 29.97 / 25 / 24 / 24sF / 23.98 / 23.98sF)  |
|                 | SMPTTE-296M                     | 720p (60 / 59.94 / 50)   |
| Component Video | SMPTTE-260M                     | 1035i (60 / 59.94)   |
|                 | SMPTTE-125M                     | 480i (59.94)   |
|                 | ITU-R BT.656                    | 576i (50)  |
|                 | Type                            | Analog Y/G, Pb/B, Pr/R   |
|                 | Connector                       | BNC  |
| Component Sync  | Level                           | 0.7Vp-p ±5%  |
|                 | Polarity                        | Positive   |
|                 | Impedance                       | 75 ohm ±5%   |
|                 | Horizontal frequency            | 30 ~ 93KHz   |
|                 | Vertical frequency              | 50 ~ 85Hz  |
| SOG             | Applicable max. pixel frequency | 170MHz   |
|                 | Maximum resolution              | 1920x1080 / 60Hz (148.5MHz Timing, NON-CRT)  |
|                 | Type                            | H/CS,VS  |
|                 | Level                           | TTL Level (V high ≥2.0V, V low ≤0.8V)  |
|                 | Polarity                        | Positive or Negative   |
| Component Sync  | Connector                       | BNC  |
|                 | Type                            | Sync on green  |
|                 | Input Signal Level              | 1.0Vp-p ( Video :0.7Vp-p / Sync : 0.3Vp-p)   |
| SOG             | Impedance                       | 75 ohm ±5%   |
|                 | Input Signal Frequency          | MAX. 162MHz  |

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Specifications are subject to change with or without notice. Doc. # FSN1967 Rev. 3/16

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